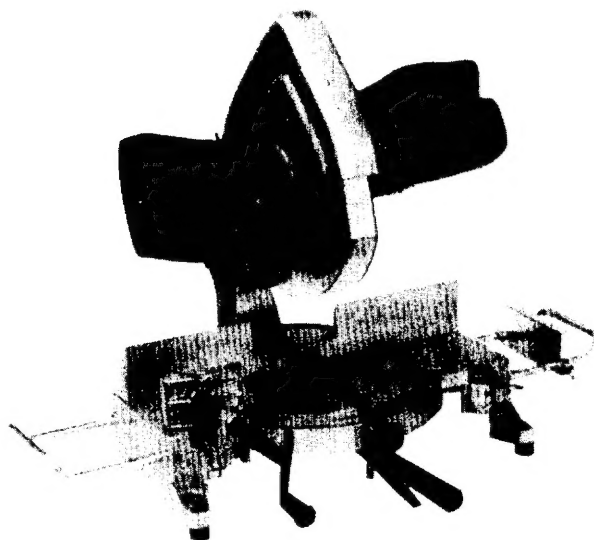




MITER SAW

TYPE 255mm(10") C10FA

INSTRUCTION MANUAL



Note:

For your own safety read Instruction Manual before operating tool.
It is recommended that this **MANUAL** be kept readily available as an important reference when using this Miter Saw.



DOUBLE INSULATION

We sincerely thank you for selecting a HITACHI ELECTRIC POWER TOOL. To operate this electric power tool safely and efficiently, please read this INSTRUCTION MANUAL carefully to get a good understanding of the precautions in operation, the capacity of the electric power tool, uses and the like.

IMPORTANT INFORMATION: SAFETY RULES FOR POWER TOOLS

WARNING: When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following.

READ ALL INSTRUCTIONS

1. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
2. **CONSIDER WORK AREA ENVIRONMENT.**
 - Don't expose power tools to rain.
 - Don't use power tools in damp or wet locations.
 - Keep work area well lit.
 - Don't use tool in presence of flammable liquids or gases.
 - Power tools produce sparks during operation. They also spark when switching ON/OFF. Never use power tools in dangerous sites containing lacquer, paint, benzene, thinner, gasoline, gases, adhesive agents, and other materials which are combustible or explosive.
3. **GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example, pipes, radiators, refrigerator enclosures.
4. **KEEP CHILDREN AWAY.** Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.
5. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place-out of reach of children.
6. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
7. **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy-duty tool.
 - Don't use tool for purpose not intended-for example-don't use circular saw for cutting tree limbs or logs.
8. **DRESS PROPERLY.** Do not wear loose clothing or jewelry. They can be caught in moving parts.
 - Rubber gloves and non-skid footwear are recommended when working outdoors.
 - Wear protective hair covering to contain long hair.
9. **USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty.
10. **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.

11. **SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
12. **DON'T OVERREACH.** Keep proper footing and balance at all times.
13. **MAINTAIN TOOLS WITH CARE** Keep tools sharp and clean for better and safer performance.
Follow instructions for lubricating and changing accessories.
Inspect tool cords periodically and if damaged, have repaired by authorized service facility.
Inspect extension cords periodically and replace if damaged.
Keep handles dry, clean, and free from oil and grease.
14. **DISCONNECT TOOLS.** When not in use, before servicing, and when changing accessories, such as blades, bits, cutters.
15. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
16. **AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
17. **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
18. **STAY ALERT.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.
19. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual.
Have defective switches replaced by authorized service center.
Do not use tool if switch does not turn it on and off.
20. **AVOID USING A POWER TOOL FOR APPLICATIONS OTHER THAN THOSE SPECIFIED.** Never use a power tool for applications other than those specified in the instruction manual.
21. **ENSURE SAFE OPERATION THROUGH CORRECT HANDLING.** Secure safe operation through correct handling by observing the instructions described herein.
Do not employ accessories other than those specified herein; otherwise, a hazardous condition may be created.
Never allow a power tool to be used by persons not familiar with correct handling (such as children) or by those who cannot handle the tool correctly.
22. **CONFIRM THAT NO ITEMS SUCH AS AN ELECTRIC CABLE OR CONDUIT ARE BURIED INSIDE.** In places where live wiring may be hidden behind a wall, floor, ceiling, etc, do not hold or contact any metal parts of the tool. In such cases, metal parts could become electrically live and present a serious shock hazard.

23. **KEEP THE RIGHT PARTS IN THE RIGHT POSITIONS.** Do not remove covers and screws which have been factory-mounted. They perform important respective roles. Keep them in the right positions.
24. **SHOULD THE PLASTIC HOUSING OR HANDLE OF A POWER TOOL BE CRACKED OR DEFORMED, DO NOT USE IT.** Since cracked or deformed parts may lead to an operator receiving an electric shock, do not use such a power tool. Immediately have it repaired.
25. **SECURELY MOUNT ACCESSORIES AND BLADES TO THE TOOL MAIN BODY.**
26. **ALWAYS KEEP THE MOTOR AIR VENT FULLY OPENED.** A constantly open motor air vent is necessary to allow air to come in and out for cooling the motor. Do not allow it to become clogged up, even if dust is blown through it.
27. **OPERATE POWER TOOLS AT THE RATED VOLTAGE.** Operate power tools at voltages specified on their nameplates.
28. **NEVER TOUCH THE MOVING PARTS.** Never touch the moving parts such as blades, bits, cutters and others.
29. **STOP OPERATION IMMEDIATELY IF ANY ABNORMALITY IS DETECTED.** Should a power tool be detected as out of order or should other abnormalities be observed during operation, stop using the tool immediately.
30. **NEVER LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF.** Don't leave tool until it comes to a complete stop.
31. **CAREFULLY HANDLE POWER TOOLS.** Should a power tool be dropped or struck against hard materials inadvertently, it may be deformed, cracked, or damaged.
32. **DO NOT WIPE PLASTIC PARTS WITH SOLVENT.** Solvents such as gasoline, thinner, benzine, carbon tetrachloride, and alcohol may damage and crack plastic parts. Do not wipe them with such solvents. Wipe plastic parts with a soft cloth lightly dampened with soapy water.
33. **WHEN REPLACING A COMPONENT PART, ADOPT THE SAME TYPE.**
When replacing a component part with a new one, adopt the same type of new part. Also, never attempt to repair a power tool yourself.

SAVE THESE INSTRUCTIONS

SERVICE AND REPAIRS

All quality tools will eventually require servicing or replacement of parts due to wear from normal use. These operations should **ONLY** be performed by an **AUTHORIZED HITACHI POWER TOOL REPAIR SHOP.**

DOUBLE INSULATION SYSTEM ENHANCES SAFE OPERATION

To enhance safe operation of this electric power tool, HITACHI has adopted a double insulation system. The term "double insulation" used here denotes an insulation system with two insulations physically separated and arranged between the electrically conductive material connected to the power supply and the outer frame subject to contact by the operator.

Thus, the power tool is termed double insulated and both the "□" mark and "Double insulation", or either one is indicated on the name plate.



While no external grounding is required with this system, normal safety precautions as outlined in this manual must still be followed. **DOUBLE INSULATION**
To maintain the effectiveness of the double insulation system, follow the precautions described below:

1. Always contact your dealer or an authorized HITACHI power tool repair shop when assembling, disassembling or replacing parts other than accessories or carbon brushes. Improper assembly and/or replacement with wrong parts may result in eliminating the double insulation-feature.
2. Clean the exterior of the tool with a soft cloth moistened with soapy water, and dry thoroughly. Chloric solvent, gasoline, and thinner will cause plastic components to dissolve.

REPLACEMENT PARTS

When servicing use only identical replacement parts.

PRECAUTIONS ON USING MITER SAWS

REGARDING THIS HITACHI MITER SAW, PAY PARTICULAR ATTENTION TO THE FOLLOWING.

1. Always apply a trial run.
2. Handle the saw with care.
3. Start cutting only after motor revolution reaches full speed.
4. Promptly cut OFF the switch when abnormality observed.
5. Properly replace the saw.
6. A revolving saw should never be touched.
7. Never lock the safety cover.
8. Confirm that the safety cover offers smooth, sliding motion.
9. Confirm that workpieces are free of nails and other foreign matter.
10. Wear eye protection.
11. Keep hands out of path of saw blade.
12. Do not operate saw without guards in place.
13. Do not perform any operation freehand.
14. Never reach around saw blade.
15. Shut off power and wait for saw blade to stop before servicing or adjusting tool.

NAME OF PARTS

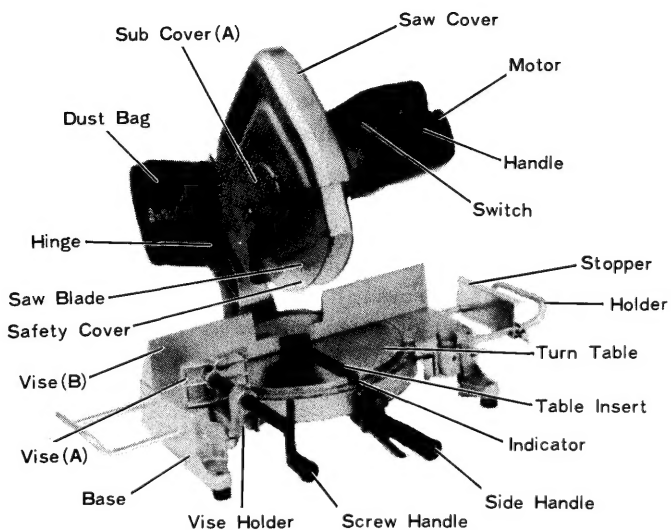


Fig. 1

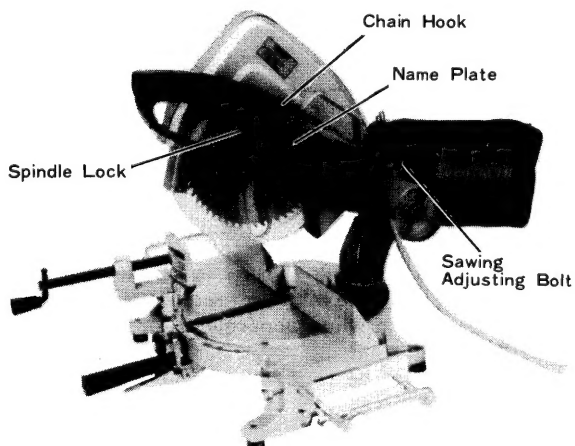


Fig. 2

SPECIFICATIONS

Item \ Model		Model C10FA
Motor	Type	Series Commutator Motor
	Power source	Single-phase 115V AC60Hz
	Rated current	15A
Applicable circular saw		Outside Dia. 255mm (10") Hole Dia. 15.9mm ($\frac{5}{8}$ ")
No. of revolutions without load		4500rpm.
Max. sawing dimension	90°	Max. Height 80mm ($3\frac{1}{8}$ ") Max. Width 110mm ($4\frac{5}{16}$ ")
	45°	Max. Height 80mm ($3\frac{1}{8}$ ") Max. Width 80mm ($3\frac{1}{8}$ ")
Angular sawing range		Right and left 0° ~ 45°
Max. opening of vise		153mm (6")
Weight		20kg (44lbs.)
Cord		2 wire cabtyre cable 2.5m (8ft)

STANDARD ACCESSORIES

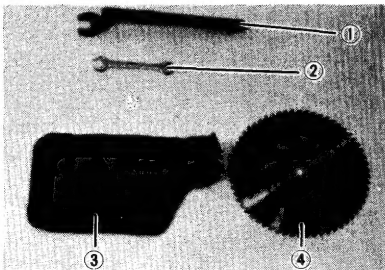


Fig. 3

- ① 13×17mm wrench 1
- ② 24mm wrench 1
- ③ Dust bag 1
- ④ Saw blade
255mm (10") Combination blade 1

OPTIONAL ACCESSORIES

Tip saw blade (Hole dia. 15.9mm ($\frac{5}{8}$ "))

- ① 10" Tip saw for normal cut (Code No.)
- ② 10" Tip saw for fine surface cut (Code No.)
- ③ Collar (Use the collar to meet the inside diameter of the saw blade applied.)

CAUTION: The use of attachment or accessories not recommended in this manual may be hazardous.

APPLICATION

Cutting of timbers, plywood, colour board, soft fabric board, hard board, and similar materials.

PREPARATION PRIOR TO OPERATION

The following preparations shall be made before operation of the tool:

1. Installation.

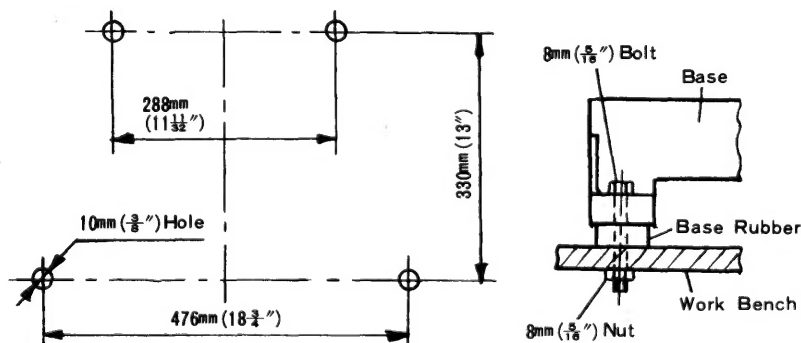


Fig. 4

Fix the tool firmly to a horizontal flat bench as illustrated in Fig. 4. Select bolts appropriate to the thickness of the bench. Bolt length should be at least

50mm(2") plus the bench thickness.

For example, 8mm($\frac{5}{16}$ ") \times 75mm(3") for a 25mm(1") thick bench.

2. Extension Cord:

When the power outlet is at same distance from the work area, ensure that an extension cord of appropriate length and amperage rating is utilized.

Ampere rating (on nameplate)	0 to 2.0	2.1 to 3.4	3.5 to 5.0	5.1 to 7.0	7.1 to 12.0	12.1 to 16.0
Ext. Cord length	Wire gauge size mm ² (A.W.G)					
7.5m (25ft.)	1.0mm ² (18A.W.G)	1.0mm ² (18A.W.G)	1.0mm ² (18A.W.G)	1.0mm ² (18A.W.G)	1.5mm ² (16A.W.G)	2.0mm ² (14A.W.G)
15m (50ft.)	1.0mm ² (18A.W.G)	1.0mm ² (18A.W.G)	1.0mm ² (18A.W.G)	1.5mm ² (16A.W.G)	2.0mm ² (14A.W.G)	3.5mm ² (12A.W.G)
22.5m (75ft.)	1.0mm ² (18A.W.G)	1.0mm ² (18A.W.G)	1.5mm ² (16A.W.G)	2.0mm ² (14A.W.G)	3.5mm ² (12A.W.G)	5.5mm ² (10A.W.G)
30m (100ft.)	1.0mm ² (18A.W.G)	1.5mm ² (16A.W.G)	2.0mm ² (14A.W.G)	3.5mm ² (12A.W.G)	5.5mm ² (10A.W.G)	—
45m (150ft.)	1.5mm ² (16A.W.G)	2.0mm ² (14A.W.G)	3.5mm ² (12A.W.G)	3.5mm ² (12A.W.G)	—	—
60m (200ft.)	1.5mm ² (16A.W.G)	2.0mm ² (14A.W.G)	3.5mm ² (12A.W.G)	5.5mm ² (10A.W.G)	—	—

3. Remove Chain:

Movable portions of the tool are secured by chain while in transit. Remove the chain from the chain hook by slightly depressing the switch handle.

4. Installation of dust bag, holder, stopper, side handle and vises.

Install the side handle, dust bag, holder, stopper and vises as shown in the Fig. 1.

Holder, stopper, and vises are sold separately.

BEFORE USE

1. Confirm the power source:

Be sure to connect the tool only to an AC power source with voltage matching that specified on the name plate.

WARNING: Never connect this tool to a DC power source. This would present a safety hazard and may damage the tool as well.

2. Confirm that the power switch is turned OFF.

If the plug is connected to the power supply while the power switch is turned ON, the tool starts unexpectedly, inviting serious accidents.

3. Check the normal state of the saw blade.

Ascertain that the saw blade is free from cracks or other damages.

4. Confirm that the saw blade is securely fixed to the tool.

With the provided wrench, fix the flange nut to secure the saw blade. Refer to "Mounting And Dismounting Saw Blade" for details.

5. Check the safety cover.



Fig. 5

The safety cover is to protect the operator from coming in contact with the saw blade during operation.

Should the safety cover not function smoothly, DO NOT OPERATE THE TOOL.

In addition, the safety cover should be wiped clean of chips and dust to permit clear visibility of the saw blade.

6. Check the spindle lock.

Confirm that the spindle lock used for installation and removal of the saw blade has been released. (see Fig. 2).

7. Adjustment of cutting angle.

Although the cutting angle is factory adjusted, it should be checked as follows:

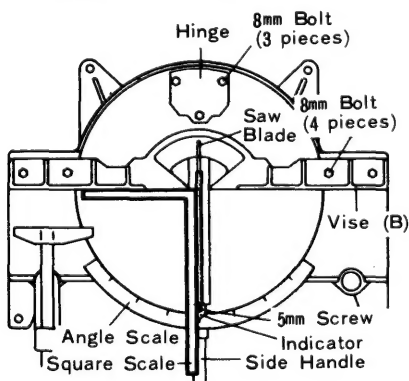


Fig. 6

- (1) Loosen the side handle for fixing the turn table, move it to the right and left directions slightly to check whether the angle position is stable, and then check whether the 0° position of the angle scale meets the indicator top.

If the 0° position of the angle scale does not meet the indicator top, loosen the 5mm screw fixing the indicator, set the indicator top to 0° and tighten 5mm screw again.

- (2) As shown in Fig. 6, measure the angle made by vise (B) and the slide

surface of the saw blade with a square scale.

If they are not at a right angle, loosen the 8mm bolts (4 pieces) fixing vise (B), adjust the mounting position of vise (B) to form a right angle, and retighten the 8mm bolts securely to prevent vise (B) from moving.

- (3) If the angle cannot be corrected as described above, loosen the 8mm bolts (3 pieces) fixing the hinge, and adjust the angle of the blade to form the right angle described above. After adjustment, tighten the 8mm bolts, fixing the hinge

securely.

8. Check the power outlet.

Ensure that the plug fits fully into the power outlet and does not fall out after it is inserted. A loose and illfitting plug may cause overheating or other accident.

Contact a nearby electrical repair shop to repair or replace the outlet if necessary.

AFTER CONNECTING THE ATTACHMENT PLUG TO AN AC POWER SOURCE, CONFIRM THE FOLLOWING:

1. Ensure the cord is undamaged.

. Damaged cords must be repaired or replaced.

2. Trial run.

Before starting operation, step away from the front of the tool for at least one (1) minute to ensure there are no abnormalities.

3. Inspect saw blade rotational stability.

Rotate the saw blade and check for deflection. If the blade wobbles noticeably, precise cutting is impossible. It may also cause vibration and accident hazard.

BEFORE CUTTING

1. Provide a groove on the table insert.

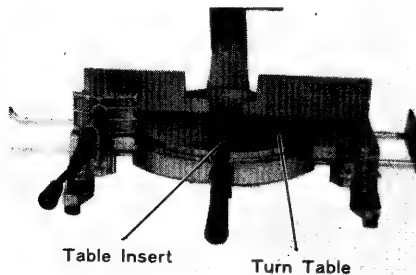


Fig. 7

When the table insert is installed on the turn table, provide a groove on the table insert by lowering the handle carefully.

CAUTION: Be careful not to contact the turn table with the saw blade.

2. Saw blade height adjustment.

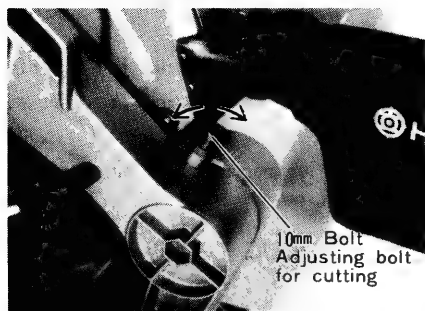


Fig. 8

Loosen the lock nut on the adjusting bolt for cutting and turn the adjusting bolt while lowering the handle.

The saw blade goes up when the adjusting bolt is turned clockwise and down when it is turned counterclockwise.

When the saw blade height is set as described, tighten the lock nut firmly to fix the adjustment bolt in position.

CAUTION: Ensure the height is adjusted securely so that the

saw blade does not contact the turn table.

3. Installation of workpiece.

Fix the workpiece securely on the vise. If not secured, the workpiece may be thrown off, causing possible serious accident.

4. Installation of holder.

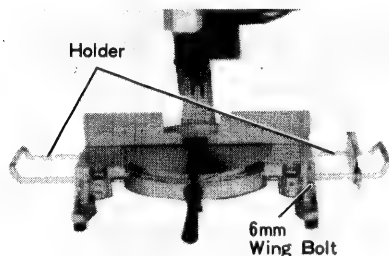


Fig. 9

The holders are to make the workpiece stable. Install them on the right and left sides of the base and fix them with 6mm wing bolts.

For moving the holders, loosen the 6 mm wing bolts.

5. Cutting of workpiece of fixed length:

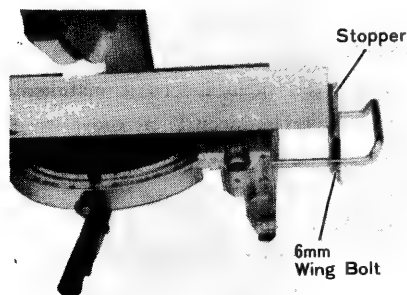


Fig. 10

For cutting many workpieces of the same length, it is convenient if the stopper is used.

In installation of the stopper, fix it with the 6mm wing bolt onto the holder.

PRACTICAL APPLICATIONS

CAUTION: It is dangerous to remove or install the workpiece while the saw blade is turning.

1. Switch operation.

After pushing the lock-off button with the thumb, the tool is turned ON when the switch trigger is pulled, and OFF when the trigger switch is released.

2. Cutting:

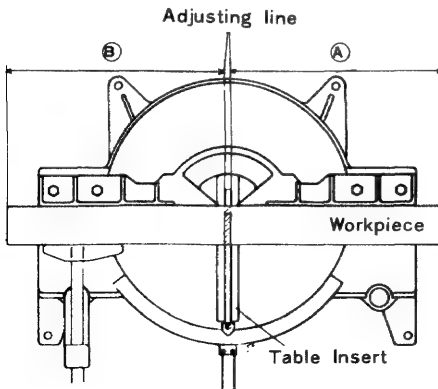


Fig. 11

- (1) Since saw blade width represents cutting width, slide the workpiece to the right when length (B) is desired.
- (2) When the saw blade has reached maximum speed, push the handle down carefully so the blade approaches the workpiece.
- (3) When the saw blade contacts the workpiece, push the handle down gradually to produce cutting.
- (4) When the cutting (or desired cutting-in) has been completed, raise the handle up to the retract position.

- (5) Turn the tool OFF after each cutting operation is completed, and allow the saw blade to come to a complete stop before preparing for the next operation.

CAUTION:

- * Increased pressure on the handle does not necessarily mean faster cutting of the workpiece. On the contrary, too much force may result in overload of the motor and/or decreased cutting efficiency.
- * Ensure the switch is turned OFF and the plug is removed from the power outlet when work has been completed.

3. Angle cutting:

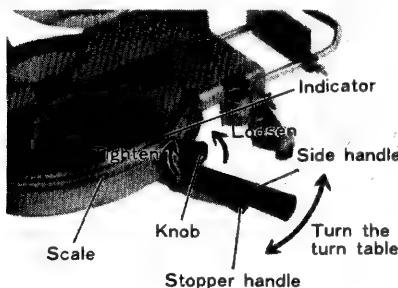


Fig. 12

As shown in Fig. 12, loosen the knob, pull the stopper handle up, turn the side handle so that the indicator is aligned with the desired angle on the scale, and retighten the knob to secure the turn table in position.

Positive stops are provided for 0°, 22°30', 30° and 45° on the right and left.

When the above angle has been set, move the side handle slightly to the right and left to confirm that the position is

stable and that the scale and indicator are accurately aligned.

Then tighten the knob and begin operation.

CAUTION:

Do not operate the tool when the scale and indicator are not properly aligned or when the knob has not been tightened.

Such action would result in inaccurate cutting and possible accident.

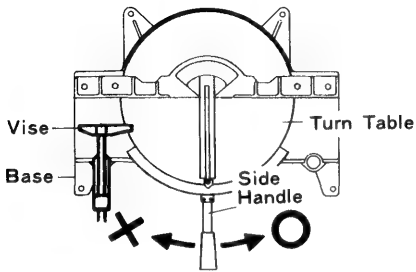


Fig. 13

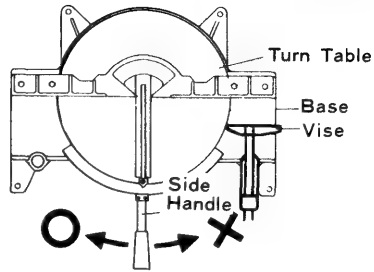


Fig. 14

CAUTION:

When the vise is installed on the left side of the base as shown in Fig. 13, turn the turn table to the right for angle adjustment, and to the left when the vise is installed on the right side of the base as shown in Fig. 14.

4. Cutting easily deformed materials such as aluminum sash.

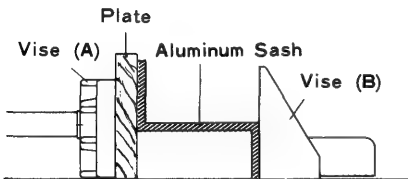


Fig. 15

Materials such as aluminum sash are easily deformed if excessively tightened by the vise, causing inefficient cutting and possible overload of the motor.

Apply a plate as shown in Fig. 15.

5. Cutting bent or uneven materials.

To cut an uneven workpiece such as that shown in Fig. 16, apply a plate between vise (B) and the workpiece as shown in Fig. 17.

✗ **Dangerous**

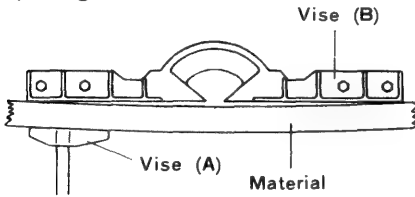


Fig. 16

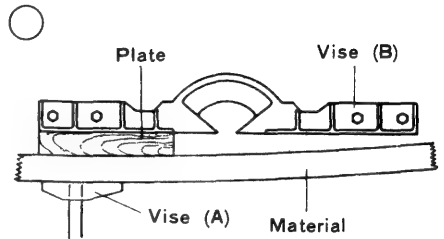


Fig. 17

MOUNTING AND DISMOUNTING SAW BLADE

CAUTION: First disconnect the plug from the power plug receptacle.

1. Mounting saw blade (Figs. 18-a, 18-b, and Fig. 19)

- (1) Press the spindle lock and loosen the flange nut with the 24mm wrench.

As the flange nut is of left-hand thread, it is loosened by turning in the direction indicated in Fig. 18-b.

CAUTION: If the saw blade spindle cannot be fixed by pressing the spindle lock, turn the flange nut with the 24mm wrench while pressing the spindle lock.

The saw blade spindle is fixed when the spindle lock has been lowered.

- (2) Remove the flange nut, special washer and washer (B).

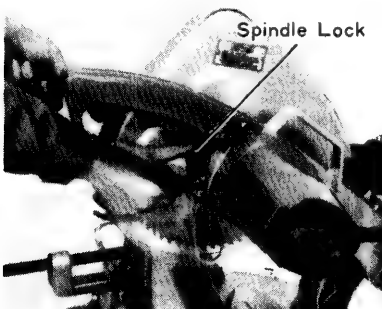


Fig. 18-a.

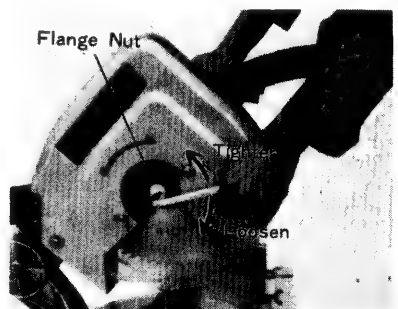


Fig. 18-b.

(3) Lift the safety cover and mount the saw blade.

CAUTION: Confirm that the rotary and saw blade directions are the same.

(4) Thoroughly clean washer (B) and the flange nut and install them onto the saw blade mounting shaft.

(5) Press the spindle lock and tighten the flange nut by turning it with the 24mm wrench in the direction shown in Fig. 18-b.

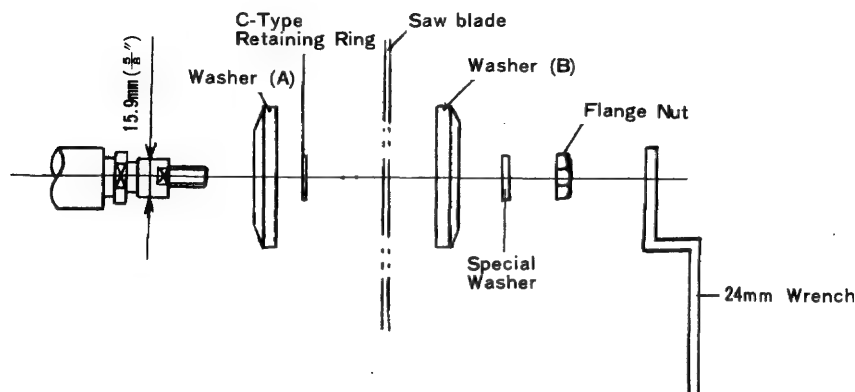


Fig. 19

CAUTION: Confirm that the spindle lock which was used for installation and removal of the saw blade has returned to the retract position.

2. Dismounting the saw blade.

Dismount the saw blade by following the mounting procedures in reverse order. The saw blade can easily be changed by lifting up the safety cover.

Use only saw blades with 255mm(10") or less diameter for C10FA.

MAINTENANCE AND INSPECTION

CAUTION: Ensure the power switch is turned OFF and the plug is disconnected during maintenance and inspection.

1. Inspect the saw blade.

As a worn or damaged saw blade will cause ineffective operation and possible overload to the motor, replace the saw blade with a new one without delay at the first sign of deterioration or damage.

2. Inspecting the carbon brushes.

The motor employs carbon brushes which are consumable parts. When they become worn to or near “wear limit”, it could result in motor trouble. When an auto-stop carbon brush is equipped, the motor will stop automatically.

At that time, replace both carbon brushes with new ones which have the same carbon brush Nos. shown in Fig. 20.

In addition, always keep carbon brushes clean and ensure that they slide freely within the brush holders.

Replacing procedure for carbon brushes.

Disassemble the brush cap (see Fig. 21) with a minus screwdriver, the carbon brush can then be easily removed.

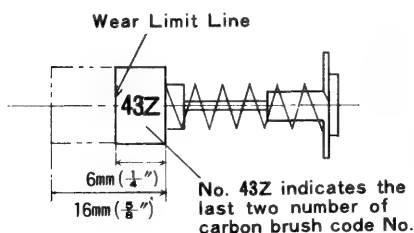


Fig. 20

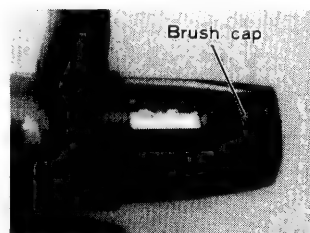


Fig. 21

3. Inspection of mounting screws.

Inspect regularly each part of the machine for looseness.

Re-tighten it if there is any part loosened. It is dangerous if the machine is operated with any part loosened.

4. Inspection of safety cover movement and maintenance.

Be sure to keep the safety cover (see Fig. 5) in good condition so that it can move smoothly.

Repair it promptly if necessary.

5. Storage.

The miter saw is generally safe since the saw blade rotates only when the trigger switch is pulled.

However, it can be dangerous if mishandled.

Ensure the power switch is turned OFF and the plug is removed from the power outlet after operation.

When not in use, keep it stored in a dry place out of the reach of children.

6. Lubrication.

Lubricate the following sliding surfaces once a month to keep the machine in good condition for a long time. (see Fig. 1 and 2) Machine oil is recommended.

Oil supply points.

- * Rotary portion of the hinge.
- * Rotary portion of the vise.
- * Rotary portion of the turn table and base.
- * Material support table mounting portion.

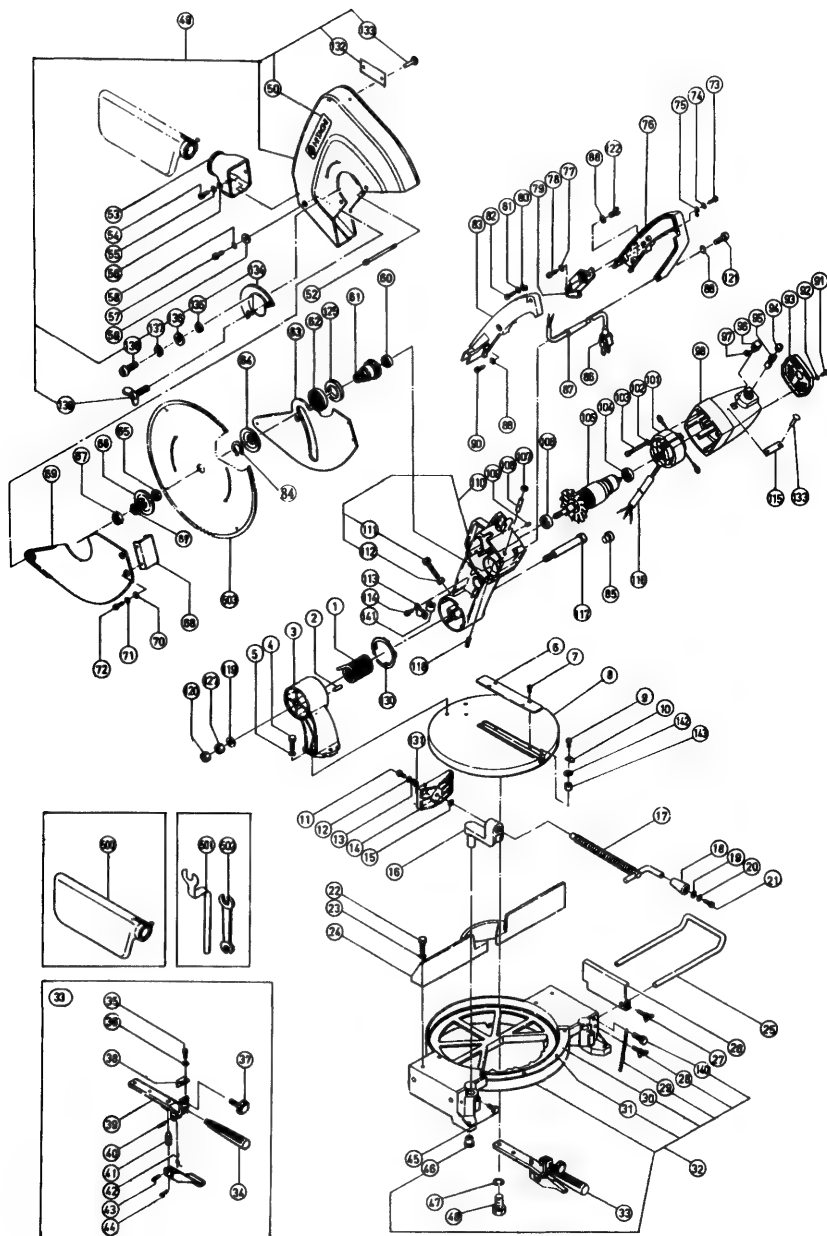
7. Cleaning.

Wipe off chips and waste adhered to the machine with a cloth or the like from time to time. Be careful not to allow the motor portion to become wet with oil or water.

NOTE: Specifications are subject to change without notice.

DETAILED PICTURE AND PARTS LIST

Type C10FA



Miter Saw Parts List.

Item No.	Name of Parts	Item No.	Name of Parts
1	Spring	31	Rivet (2.5D×4.8)
2	Spring Pin (8D×45)	32	Base Ass'y
3	Hinge	33	Stopper Holder Ass'y
4	Bolt (M8×30)	34	Side Handle Ass'y
5	Spring Lock Washer (M8)	35	+Head Machine Screw (M4×10)
6	Table Insert	36	Spring Lock Washer (M4)
7	+Flat Head Serew (M4×10)	37	Knob
8	Turn Table	38	Spacer
9	+Head Machine Serew (M5×12)	39	Stopper Holder
10	Indicator	40	Spring Pin (5D×20)
11	+Head Machine Screw (M6×10)	41	Stopper Pin
12	Spring Lock Washer (M6)	42	Stopper Spring
13	Bolt Washer (M6)	43	Spring Pin (5D×20)
14	Vise (A)	44	Stopper Handle
15	Bolt Washer (M10)	45	Bolt (M8×10)
16	Vise Holder	46	Base Rubber
17	Screw Ass'y	47	Bolt (M8×30)
18	Screw Handle	48	Spring Lock Washer (M8)
19	Washer (B)	49	Saw Cover Ass'y
20	Spring Lock Washer (M4)	50	Decoration Name Plate
21	+Head Machine Screw (M4×10)	51	—
22	Bolt (M8×30)	52	+Head Tapping Screw (M5×105)
23	Spring Lock Washer (M8)	53	Duct
24	Vise (B)	54	+Head Machine Screw (M4×10)
25	Holder	55	Spring Lock Washer (M4)
26	Stopper	56	Bolt Washer (M4)
27	Wing Bolt (M6×20)	57	+Head Machine Screw (M5×10)
28	Wing Bolt (M6×32)	58	Spring Lock Washer (M5)
29	Chain	59	Special Washer
30	Scale	60	Ball Bearing (6001ZZCM)

Item No.	Name of Parts	Item No.	Name of Parts
61	Spindle Ass'y	91	+Head Tapping Screw (M4×10)
62	Ball Bearing (6006ZZCM)	92	Spring Lock Washer (M4)
63	Safety Cover (A)	93	Tail Cover
64	Washer (A)	94	Brush Cap
65		95	Carbon Brush
66	Washer (B)	96	Nut Cover
67	Flange Nut	97	Nut (M5)
68	Safety Cover Holder	98	Housing Ass'y
69	Safety Cover (B)	99	—
70	Bolt Washer (M4)	100	—
71	Spring Lock Washer (M4)	101	Stator Ass'y
72	+Head Machine Screw (M4×8)	102	Spring Lock Washer (M5)
73	+Head Machine Screw (M5×20)	103	+Head Machine Screw (M5×75)
74	Bolt Washer (M5)	104	Ball Bearing (6200ZZCM)
75	Chain Hook	105	Armature Ass'y
76	Handle	106	Ball Bearing (6201ZZCM)
77	Spring Lock Washer (M4)	107	E-Type Retaining Ring (7D)
78	+Head Tapping Screw (M4×10)	108	Spindle Lock
79	Switch	109	Bearing Lock
80	Bolt Washer (M4)	110	Gear Case
81	Spring Lock Washer (M4)	111	Bolt (M10×60)
82	+Head Tapping Screw (M4×25)	112	Nut (M10)
83	Handle Cover	113	Cord Clip
84	C-Type Retaining Ring (^{16D} / _{Shaft})	114	+Head Machine Screw (M4×10)
85	Connector	115	Name Plate
86	Cord Ass'y	116	Lead wire Tube
87	Cord Armor	117	Hinge Shaft
88	Bolt Washer (M5)	118	Gauge Spring
89	Special Washer	119	Bolt Washer (M12)
90	+Head Machine Screw (M5×12)	120	Lock Nut (M12)

Item No.	Name of Parts	Item No.	Name of Parts
121	+Head Machine Screw (M5×25)	500	Dust Bag Ass'y
122	+Head Machine Screw (M5×16)	501	24mm Wrench
123	—	502	13×17mm Wrench
124	—	503	10" Combination blade
125	—		
126	—		
127	—		
128	—		
129	—		
130	Spacer		
131	Wave Washer (10D)		
132	Caution Plate		
133	Rivet (2.5D×4.8)		
134	Sud Cover (A)		
135	Washer		
136	Washer (H)		
137	Spring Lock Washer (M6)		
138	+Head Machine Screw (M6×10)		
139	Wing Bolt (M6×10)		
140	Bolt (M6×25)		
141	Tube		
142	Bolt Washer (M5)		
143	Spacer		

—— MEMORANDUM

Hitachi Koki Co.,Ltd.

Nippon Bldg., 2-6-2,
Ohtemachi, Chiyoda-ku,
Tokyo 100, Japan